



In Place of FORM PTO-1449 (Modified)

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANTS' INFORMATION DISCLOSURE
STATEMENT**

Serial Number: 10/755,490
Applicants: Richard E. Smalley et al.
Filing Date: January 12, 2004
Group: 1713
Atty. Docket Number: 11321-P034D1

Reference Designation

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
ET AAA	6,576,341 B1	06/10/2003	Davey et al.	428	376	—
ET ABA	5,653,996	08/05/1997	Hsu	424	450	—
ET ACA	US 2002/0092613 A1	07/18/2002	Kuper	156	296	—
ET ADA	5,560,898	10/1/1996	Uchida et al.	423	461	—
— AEA						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
ET AFA	EP 0 949 199 A1	10/13/1999	Europe	—	—	
ET AGA	EP 0 989 579 A2	03/29/2000	Europe	—	—	
— AHA						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial

- ET AIA BAHR et al., "Functionalization of Carbon Nanotubes by Electrochemical Reduction of Aryl Diazonium Salts: A Bucky Paper Electrode," *J. Am. Chem. Soc.*, Volume 123, pp. 6536-6542 (November 27, 2001).
- ET AJA CHEN et al., "Carbon Nanotube and Polypyrrole Composites: Coating and Doping," *Advanced Materials*, Volume 12, Number 7 pp. 522-526 (2000).
- ET AKA COLEMAN et al., "Percolation-dominated conductivity in a conjugated-polymer-carbon-nanotube composite," *Physical Review B*, Volume 58, Number 12, pp. R7492-R7495 (September 15, 1998).
- ET ALA CURRAN et al., "A Composite from Poly(*m*-phenylenevinylene-co-2,5-dioctoxy-*p*-phenylenevinylene) and Carbon Nanotubes: A Novel Material for Molecular Optoelectronics," *Advanced Materials*, Volume 10, Number 14, pp. 1091-1093 (1998).
- ET AMA DALTON et al., "A functional conjugated polymer to process, purify and selectively interact with single wall carbon nanotubes," *Synthetic Metals*, Volume 121, pp. 1217-1218 (2001).
- ET ANA DALTON et al., "Selective Interaction of a Semiconjugated Organic Polymer with Single-Wall Nanotubes," *J. Phys. Chem. B*, Volume 104, pp. 10012-10016 (2000).
- ET AOA FAN et al., "Synthesis, Characterizations, and Physical Properties of Carbon Nanotubes Coated by Conducting Polypyrrole," *Journal of Applied Polymer Science*, Volume 74, 2605-2610 (1999).
- ET APA GRIMES et al., "The 500 MHz to 5.50 GHz complex permittivity spectra of single-wall carbon nanotube-loaded polymer composites," *Chemical Physics Letters*, Volume 319, pp. 460-464 (March 24, 2000).
- ET AQA JIN et al., "Nonlinear optical properties of some polymer/multi-walled carbon nanotube composites," *Chemical Physics Letters*, Volume 318, pp. 505-510 (March 3, 2000).
- ET ARA JUREWICZ et al., "Supercapacitors from nanotubes/polypyrrole composites," *Chemical Physics Letters*, Volume 347, pp. 36-40 (October 19, 2001).
- ET ASA MCCARTHY et al., "Complex nano-assemblies of polymers and carbon nanotubes," *Nanotechnology*, Volume 12, pp. 187-190 (2001).

- ET ATA McCARTHY et al., "Microscopy studies of nanotube-conjugated polymer interactions," *Synthetic Metals*, Volume 121, pp. 1225-1226 (2001).
- ET AUA O'CONNELL, et al., "Reversible water-solubilization of single-walled carbon nanotubes by polymer wrapping," *Chemical Physics Letters*, Volume 342, pp. 265-271 (July 13, 2001).
- ET AVA PANHUIS et al., "Optimal polymer characteristics for nanotube solubility," *Synthetic Metals*, Volume 121, pp. 1187-1188 (2001).
- ET AWA RIGGS et al., "Optical Limiting Properties of Suspended and Solubilized Carbon Nanotubes," *Journal of American Chemical Society*, Volume 122, pp. 5879-5880 (2000).
- ET AXA RIGGS et al., "Strong Luminescence of Solubilized Carbon Nanotubes," *Journal of American Chemical Society*, Volume 122, pp. 5879-5880 (2000).
- ET AYA SHAFFER et al., "Fabrication and Characterization of Carbon Nanotube/Poly(vinyl alcohol) Composites," *Journal of American Chemical Society*, Volume 122, pp. 5879-5880 (2000).
- ET AZA STAR et al., "Preparation and Properties of Polymer-Wrapped Single-Walled Carbon Nanotubes," *Angew. Chem. Int. Ed.*, Volume 40, Number 9, pp. 1721-1725 (2001).
- ET BAB TANG et al., "Preparation, Alignment, and Optical Properties of Soluble Poly(phenylacetylene)-Wrapped Carbon Nanotubes," *Macromolecules*, Volume 32, pp. 2569-2576 (1999).
- ET BBB TOHJI et al., "Extraction of Exotic Fullerenes and Purification of Single-Walled Nanotubes," *Fullerene Science and Technology*, Volume 7, Number 4, pp. 665-679 (1999).

Examiner:

ET/soy

Date Considered:

11/10/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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